

per day within the design year of 2015. NC 107 provides service not only to Sylva commercial area, but to the Principal Arterial System of Jackson County. Understanding the function of this facility, it is important that access along this facility be protected. It would be undesirable to widen this segment from the present 5-lanes to a 7-lane facility. Allowing continuous left-hand turns on a 7-lane section only compounds safety hazards. For example, a vehicle desiring to make a left turn from the middle lane would be required to wait for an acceptable gap within the opposing traffic stream, then progress across three lanes of traffic. If this situation is applied during peak hour traffic the problems are even more evident.

This 1.77 mile segment of NC 107 should be improved to a 6-lane divided facility. This improvement would be twofold:

- First, it would increase the capacity of NC 107 from 40,000 vpd to approximately 55,000 - 60,000 vpd.
- It would increase safety along NC 107 by limiting the hazardous weaving movements. Left turning vehicles would be allowed by providing median cross-over at signalized intersections and predesignated median cuts. (See TIP #3, #7, and #8)
- NC 107 from Sylva Planning Boundary to US 64 should include 2 feet of paved shoulders for bicycles. This recommendation is contingent upon acceptance by the Office of Bicycle and Pedestrian Transportation (NCDOT).

Blue Ridge Parkway - Federal Highway jurisdiction.

Collector Road System

The major collector roads will assist the arterial system by providing an interconnecting network between smaller populated centers and feed this traffic to the arterial systems. The minor collector roads will provide the link between local roads and higher system roads.

Major Collectors:

NC 116 - From US 23 to NC 107. This facility should be widened to a 24'-wide facility from US 23 to the historic district of Webster. The entire section of NC 116 should include 2 feet of paved shoulders for bicycles. This recommendation is contingent upon acceptance by the Office of Bicycle and Pedestrian Transportation (NCDOT).

NC 215 - From Transylvania County to Transylvania County. No improvements necessary.

NC 281 - From NC 107 to Transylvania County. No improvements necessary. (See TIP #4)